Title (en)

BATTERY MODULE

Title (de)

BATTERIEMODUL

Title (fr)

MODULE DE BATTERIE

Publication

EP 2790242 B1 20171101 (EN)

Application

EP 14163692 A 20140407

Priority

JP 2013080631 A 20130408

Abstract (en)

[origin: EP2790242A2] A battery module includes a cell unit 2, a first end plate 31, and a binding band 7. The cell unit 2 includes a plurality of battery cells 20 arranged in a first direction. The first end plate 31 is located on one side of the cell unit 2 in the first direction. The binding band 7 extends in the first direction and is coupled with the first end plate 7 so as to bind the first end plate 7 and the cell unit 2. The first end plate 7 has an external terminal surface 31 directed to an opposite side with respect to the cell unit 2 in the first direction. An external terminal 6 is connected to the external terminal surface 31. The binding band 7 is located on a side surface of the cell unit 2 and is coupled with the external terminal surface 31.

IPC 8 full level

H01M 2/10 (2006.01); **H01M 2/12** (2006.01); **H01M 10/04** (2006.01); **H01M 50/209** (2021.01); **H01M 50/264** (2021.01); **H01M 50/289** (2021.01); **H01M 50/296** (2021.01); **H01M 50/358** (2021.01); **H01M 50/367** (2021.01)

CPC (source: CN EP KR US)

H01M 10/0413 (2013.01 - CN EP KR US); **H01M 10/0468** (2013.01 - CN EP KR US); **H01M 50/20** (2021.01 - KR); **H01M 50/209** (2021.01 - CN EP KR US); **H01M 50/258** (2021.01 - CN); **H01M 50/264** (2021.01 - CN EP KR US); **H01M 50/289** (2021.01 - CN EP KR US); **H01M 50/296** (2021.01 - CN EP KR US); **H01M 50/358** (2021.01 - CN EP KR US); **H01M 50/367** (2021.01 - CN EP KR US); **H01M 50/50** (2021.01 - KR); H01M 10/0481 (2013.01 - CN); Y02E 60/10 (2013.01 - EP KR); Y02P 70/50 (2015.11 - EP KR)

Citation (examination)

JP 2010205509 A 20100916 - SANYO ELECTRIC CO

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2790242 A2 20141015; **EP 2790242 A3 20141126**; **EP 2790242 B1 20171101**; CN 104103781 A 20141015; CN 104103781 B 20180413; JP 2014203746 A 20141027; JP 6205807 B2 20171004; KR 102270506 B1 20210628; KR 20140121767 A 20141016; US 2014302356 A1 20141009; US 9337460 B2 20160510

DOCDB simple family (application)

EP 14163692 A 20140407; CN 201410125672 A 20140331; JP 2013080631 A 20130408; KR 20140026473 A 20140306; US 201414244813 A 20140403